

## WHAT IS CLAIMED IS:

1. An ophthalmic lens for constituting an ophthalmic display, associated with an optical imager for shaping light beams and directing them towards the eye of the  
5 wearer so as to enable information content to be viewed, said optical imager being secured to said lens, the lens being associated with marking including referencing for the position of said imager relative to said lens as a function of the correction parameters of said lens.  
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2. A lens according to claim 1, wherein said referencing is performed relative to a virtual theoretical center of the eye.
- 15 3. A lens according to claim 2, wherein said marking comprises the position of the far vision point and information for defining said virtual theoretical center of the eye.
- 20 4. A lens according to claim 3, wherein the information defining the virtual theoretical center of the eye are the value of the shape angle of the wearer's spectacles frame, the value of the pantoscopic angle of the spectacles frame, and a distance corresponding to the  
25 distance between the lens and the center of the wearer's eye.
5. A lens according to claim 3, wherein said marking comprises the direction cosines of an information line of  
30 sight corresponding to the line passing through said virtual theoretical center of the eye and the center of the image obtained by means of the optical imager in the frame of reference relative to the lens.
- 35 6. A lens according to claim 1, wherein said marking includes a value for the power compensation to be provided by the imager.

7. A lens according to claim 1, possessing securing means enabling said optical imager be put into position in compliance with the position indicated by said marking.

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8. An ophthalmic display including an ophthalmic lens according to claim 1, wherein the position of said imager relative to said lens is referenced as a function of correction parameters of said lens.